

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 078853-0311		SERIAL NO. 10/880582	
INFORMATION DISCLOSURE CITATION  Date Submitted: April 6, 2004 (Use several sheets if necessary)				APPLICANT Roger A. Sabbadini			
				FILING DATE Herewith		GROUP ART UNIT 1654	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
LL	A1	6,210,976	04/03/2001	Sabbadini	435	29	
	A2	5,929,039	07/27/1999	Woodcock, et al.			
	A3	5,677,288	10/14/1997	Marangos			
	A4	20010041688	11/15/2001	Waeber, et al.			
	A5	4,150,949	04/24/1979	Smith			
	A6	5,369,030	11/29/1994	Hannun, et al.			
LL	A7	5,631,394	05/20/1997	Wei, et al.	435	29	
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES      NO
LL	A8	WO 98/57179	10/12/2000	PCT			Y
LL	A9	WO 01/80903	11/01/2001	PCT			✓
LL	A10	WO 99/12890	03/18/1999	PCT			X
LL	A11	WO 99/41266	08/19/1999	PCT			Y
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
LL	A12	Abe, et al., "Glycosphingolipid depletion in Fabry disease lymphoblasts with potent inhibitors of glucosylceramide synthase," <i>Kidney International</i> , 57:446-454 (2000)					
	A13	Abe, et al., "Structural and stereochemical studies of potent inhibitors and glucosylceramide synthase and tumor cell-growth," <i>Journal of Lipid Research</i> , 36:611-621 (1995)					
	A14	Abe, et al., "Use of Sulfobutyl Ether $\beta$ -Cyclodextrin as a Vehicle for D-threo-1-Phenyl-2-decanoylamino-3-morpholinopropanol-Related Glucosylceramide Synthase Inhibitors," <i>Analytical Biochemistry</i> , 287:344-347 (2000)					
	A15	An, et al., "Characterization of a Novel Subtype of Human G Protein-coupled Receptor for Lysophosphatidic Acid," <i>J. Biol. Chem.</i> , 273:7906-7910 (1998)					
LL	A16	An, et al., "Identification of cDNAs encoding two G protein-coupled receptors for lysosphingolipids," <i>FEBS Letts.</i> , 417:279-282 (1997)					

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Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 078853-0311	SERIAL NO. 101820582 
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### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
LC	A17	5,677,337	10/14/1997	Wei, et al.	435	29	
	A18	6,323,201	11/27/2001	Carson, et al.			
	A19	4,937,232	06/26/1990	Bell, et al.			
	A20	4,816,450	03/28/1989	Bell, et al.			
	A21	5,331,014	07/19/1994	Kimura, et al.			
	A22	5,137,919	08/11/1992	Igarashi, et al.			
	A23	5,151,360	09/29/1992	Handa, et al.			
	A24	6,187,562	02/13/2001	Duckworth, et al.			
	A25	5,851,782	12/22/1998	Hannun, et al.			
	A26	5,079,263	01/07/1992	Zeeck, et al.			
	A27	5,444,087	08/22/1995	Patel, et al.			
	A28	6,284,798	09/04/2001	Amtmann, et al.			
	A29	6,306,911	10/23/2001	Wachter, et al.			
	A30	6,051,598	04/18/2000	Shayman, et al.			
	A31	5,919,687	07/06/1999	Chatterjee			
	A32	5,663,404	09/02/1997	Igarashi, et al.			
	A33	5,260,288	11/09/1993	Igarashi, et al.			
	A34	5,391,800	02/21/1995	Igarashi, et al.			
	A35	5,430,160	04/04/1995	Boumendjel, et al.			
	A36	5,248,824	09/28/1993	Igarashi, et al.			
	A37	5,912,144	06/15/1999	Au-Young, et al.			
	A38	6,130,067	10/10/2000	Tsui			
	A39	6,057,126	05/02/2000	Munroe, et al.			
	A40	5,585,476	12/17/1996	MacLennan, et al.			
	A41	6,140,060	10/31/2000	Chun, et al.			
LC	A42	5,989,803	11/23/1999	Tabas et al.	435	29	

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**FOREIGN PATENT DOCUMENTS**

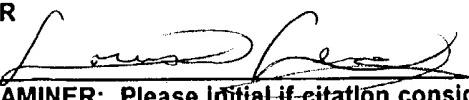
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	A44	WO 00/21919	04/20/2000	PCT			X	
	A45	WO 01 37836A	5/31/2001	PCT			X	
	A46	WO 00/52173	09/08/2000	PCT			X	
	A47	WO 00/58448	10/05/2000	PCT				X
	A48	WO 00/58491	10/05/2000	PCT				X
	A49	WO 00/59517	10/12/2000	PCT			X	
	A50	WO 00/70028	11/23/2000	PCT			X	
	A51	WO 00/72833 A2	12/07/2000	PCT				X
	A52	WO 01/04108	01/18/2001	PCT			X	
	A53	WO 01/04139	01/18/2001	PCT			X	
	A54	WO 01/07418	02/01/2001	PCT			X	
	A55	WO 01/31029	05/03/2001	PCT			X	
	A56	WO 01/38295	05/31/2001	PCT				X
	A57	WO 01/55410	08/02/2001	PCT			X	
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	A59	WO 01/60990	08/23/2001	PCT			X	
	A60	WO 01/72701	10/04/2001	PCT			X	
	A61	WO 01/85953	11/15/2001	PCT			X	
	A62	WO 97/44019	11/27/1997	PCT			X	
	A63	WO 98/03529	01/29/1998	PCT				X
	A64	WO 98/28445	07/02/1998	PCT			X	
	A65	WO 98/40349	09/16/1998	PCT				X
	A66	WO 99/07855	08/11/1998	PCT				X
CC	A67	WO 99/12890	03/18/1999	PCT				X
CC	A68	WO 99/16888	04/08/1999	PCT				X

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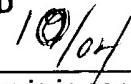
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LL	A77	An, et al., "Sphingosine 1-phosphate-induced cell proliferation, survival, and related signaling events mediated by G protein-coupled receptors Edg3 and Edg5," <i>J. Biol. Chem.</i> , <u>275</u> :288-296 (2000)
	A78 1	Ancellin, et al., "Extracellular export of sphingosine kinase-1 enzyme: Sphingosine 1 phosphate generation and the induction of angiogenic vascular maturation," <i>JBC Papers in Press</i> , Published 12/10/01 (manuscript M102841200).
	A79	Andrieu-Abadie, et al., "L-carnitine prevents doxorubicin-induced apoptosis of cardiac myocytes: role of inhibition of ceramide generation," <i>FASEB J.</i> , <u>13</u> :1501-1510 (1999)
	A80	Arenz, et al., "Manumycin A and Its Analogues Are Irreversible Inhibitors of Neutral Sphingomyelinase," <i>ChemiBiochem.</i> , <u>2</u> :141-143 (2001)
	A81	Arenz, et al., "Synthese des ersten selektiven irreveriblen Inhibitoren der neutralen Sphingomyelinase," <i>Angew Chem.</i> , <u>112</u> :1498-1500 (2000) (GERMAN)
	A82	Arenz, et al., "Synthesis and Biochemical Investigation of Scyphostatin Analogues as Inhibitors of Neutral Sphingomyelinase," <i>Bioorganic &amp; Medicinal Chemistry</i> , <u>9</u> :2901-2904 (2001)
	A83	Arenz, et al., "Synthesis of the First Selective Irreversible Inhibitor of Neutral Sphingomyelinase," <i>Eur. J. Org. Chem.</i> , <u>137</u> -140 (2001)
	A84	Ariga, et al., "Role of Sphingolipid-mediated cell death in neurodegenerative diseases," <i>Journal of Lipid Research</i> , <u>39</u> :1-16 (1998)
	A85	Bajjaliyah, et al., "Ceramide Kinase," <i>Methods in Enzymology</i> , <u>311</u> :207-215 (1999)
	A86	Bawab, et al., "Molecular Cloning and Characterization of a Human Mitochondrial Ceramidase," <i>J. Biol. Chem.</i> , <u>275</u> :21508-21513 (2000)
LL	A87	Bernardo, et al., "Purification and Characterization of a Magnesium-dependent Neutral Sphingomyelinase from Bovine Brain," <i>J. Biol. Chem.</i> , <u>275</u> :7641-7647 (2000)
LL	A88	Betto, et al., "Sphingosylphosphocholine modulates the ryanodine receptor/calcium-release channel of cardiac sarcoplasmic reticulum membranes," <i>Biochem. J.</i> , <u>322</u> :327-333 (1997)
FF	A89	Bielawska, et al., "(1S, 2R)-D-erthro-2-(N-Myristoylamino)-1-phenyl-1-propanol as an Inhibitor of Ceramidase," <i>J. Biol. Chem.</i> , <u>271</u> :12646-12654 (1996)

EXAMINER 	DATE CONSIDERED 10/02
<ul style="list-style-type: none"> <li>* EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant. Thank you.</li> </ul>	

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	A90	Bielawska, et al., "Ceramide Is Involved in Triggering of Cardiomyocyte Apoptosis Induced by Ischemia and Reperfusion," <i>Am. J. Pathol.</i> , <u>151</u> (5):1257-1263 (1997)
	A91	Boudker, et al., "Detection and Characterization of Ceramide-1-phosphate Phosphatase Activity in Rat Liver Plasma Membrane," <i>J. Biol. Chem.</i> , <u>268</u> :22150-22155 (1993)
	A92	Brady, et al., "The metabolism of sphingomyelin. II. Evidence of an enzymatic deficiency in Niemann-Pick disease," <i>Proc. Natl. Acad. Sci. USA</i> , <u>55</u> (2):366-369 (1966)
	A93	Brindley, et al., "Analysis of Ceramide 1-phosphate and Sphingosine-1-phosphate Phosphatase Activities," <i>Methods in Enzymology</i> , <u>311</u> :233-244 (1999)
	A94	Brownlee, C., "Intracellular signalling: sphingosine-1-phosphate branches out," <i>Current Biology</i> , <u>11</u> :R535-R538 (2001)
	A95	Burton, et al., "Human antibodies from combinatorial libraries," <i>Adv. Immunol.</i> , <u>57</u> :191-280 (1994)
	A96	Cain, et al., "Therapeutic Strategies to Reduce TNF- $\alpha$ Mediated Cardiac Contractile Depression Following Ischemia and Reperfusion," <i>J. Mol. Cell. Cardiol.</i> , <u>31</u> :931-947 (1999)
	A97	Caligan, et al., "A High-Performance Liquid Chromatographic Method to Measure Sphingosine 1-Phosphate and Related Compounds from Sphingosine Kinase Assays and Other Biological Samples," <i>Analytical Biochemistry</i> , <u>281</u> :36-44 (2000)
	A98	Chan, et al., "Ceramide Path in Human Lung Cell Death," <i>Am. J. Respir. Cell Mol. Biol.</i> , <u>22</u> :460-468 (2000)
	A99	Chan, et al., "Purification and Characterization of Neutral Sphingomyelinase from Helicobacter pylori," <i>Biochemistry</i> , <u>39</u> :4838-4845 (2000)
	A100	Chatterjee, "Neutral Sphingomyelinase," <i>Advances in Lipid Research</i> , <u>26</u> :25-49 (1993)
	A101	Chatterjee, "Neutral Sphingomyelinase: past, present, and future," <i>Chemistry and Physics of Lipids</i> , <u>102</u> :79-96 (1999)
HV	A102	Chatterjee, et al., "Molecular Cloning, Characterization, and Expression of a Novel Human Neutral Sphingomyelinase," <i>J. Biol. Chem.</i> , <u>274</u> :37407-37412 (1999)

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<i>RF</i>	A103	Chau, et al., "Synthesis of Simple Aryl Neutral Sphingomyelinase Inhibitors," <i>Abstr. Pap. - Am. Chem. Soc.</i> , (2001)
	A104	Chun, "Lysophospholipid receptors: implications for neural signaling," <i>Crit. Rev. Neuro.</i> , <u>13</u> (2):151-168 (1999)
	A105	Chun, et al., "A Growing Family of Receptor Genes for Lysophosphatidic Acid (LPA) and other Lysophospholipids (LPS)," <i>Cell Biochem. &amp; Biophys.</i> , <u>30</u> :(2):213-242 (1999)
	A106	Cordis, et al., "HPTLC analysis of sphingomylein, ceramide and sphingosine in ischemic/reperfused rat heart," <i>J. Pharm. And Biomed. Analysis</i> , <u>16</u> :1189-1193 (1998)
	A107	Cuvilier, et al., "Suppression of ceramide-mediated programmed cell death by sphingosine-1-phosphate," <i>Nature</i> , <u>381</u> :800-803 (1996)
	A108	Dickson, et al., "Serine Palmitoyltransferase," <i>Methods in Enzymology</i> , <u>311</u> :1-9 (1999)
	A109	Edsall, et al., <i>Biochem.</i> , "N,N-Dimethylsphingosine is a potent competitive inhibitor of sphingosine kinase but not of protein kinase C: modulation of cellular levels of sphingosine 1-phosphate and ceramide," <u>37</u> :12892-12898 (1998)
	A110	Edson, et al., "The Aminoglycosides," <i>Mayo Clin. Proc.</i> , <u>74</u> :519-528 (1999)
	A111	Eichler, et al., "Peptide, peptidomimetic, and organic synthetic combinatorial libraries," <i>Med. Res. Rev.</i> , <u>15</u> :481-496 (1995)
	A112	Fensome, et al., "A Neutral Magnesium-dependent Sphingomyelinase Isoform Associated with Intracellular Membranes and Reversibly Inhibited by Reactive Oxygen Species," <i>J. Biol. Chem.</i> , <u>275</u> :1128-1136 (2000)
	A113	Fujii, et al., "Mg <sup>2+</sup> binding and catalytic function of sphingomyelinase from <i>Bacillus cereus</i> ," <i>J. Biochem (Tokyo)</i> , <u>124</u> :1178-1187 (1998)
<i>EE</i>	A114	Fukushima, et al., "A single receptor encoded by <i>vzg-1/p<sub>A</sub>/edg-2</i> couples to G proteins and mediates multiple cellular responses to lysophosphatidic acid," <i>Proc. Natl. Acad. Sci.</i> , <u>95</u> :6151-6156 (1998)
<i>EE</i>	A115	Furneisen, et al., "Enzymological properties of the LPP1-encoded lipid phosphatase from <i>Saccharomyces cerevisiae</i> ," <i>Biochim. Biophys. Acta.</i> , <u>1484</u> :71-82 (2000)

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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>		APPLICANT		Roger A. Sabbadini
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<b>OTHER DOCUMENTS</b> ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )				

<u>CC</u>	A116	Garcia-Ruiz, "Human placenta sphingomyelinase, an exogenous acidic pH-optimum sphingomyelinase, induces oxidative stress, glutathione depletion, and apoptosis in rat hepatocytes," <i>Hepatology</i> , <u>32</u> :56-65 (2000)
<u>CC</u>	A117	Gates, et al., "Serum amyloid p component: its role in platelet activation stimulated by sphingomyelinase d purified from the venom of the brown recluse spider ( <i>Loxosceles reclusa</i> )," <i>Toxicon</i> , <u>28</u> :1303-1315 (1990)
	A118	Gatt, et al., "Niemann Pick disease: presence of the magnesium-dependent sphingomyelinase in brain of the infantile form of the disease," <i>J. Neurochem.</i> , <u>31</u> (2):547-550 (1978)
	A119	Gavrilenko, et al., "Nucleotide sequence of phospholipase C and sphingomyelinase genes from <i>Bacillus cereus</i> BKM-B164," <i>Bioorg. Khim.</i> , <u>19</u> :133-138 (1993)
	A120	Geeraert, et al., "Conversion of dihydroceramide into ceramide: involvement of a desaturase," <i>Biochem. J.</i> , <u>327</u> :125-132 (1997)
	A121	Ghosh, et al., "Effects of gentamicin on sphingomyelinase activity in cultured human renal proximal tubular cells," <i>J. Biol. Chem.</i> , <u>262</u> :12550-12556 (1987)
	A122	Ghosh, et al., "Identification, partial purification, and localization of a neutral sphingomyelinase in rabbit skeletal muscle: Neutral sphingomyelinase in skeletal muscle," <i>Mol. Cellular Biochem.</i> , <u>189</u> :161-168 (1998)
	A123	Gilmore, et al., "A <i>Bacillus cereus</i> cytolytic determinant, cereolysin AB, which comprises the phospholipase C and sphingomyelinase genes: a nucleotide sequence and genetic linkage," <i>J. Bacteriol.</i> , <u>171</u> (2):744-753 (1989)
	A124	Glickman, et al., "Molecular Cloning, Tissue-Specific Expression, and Chromosomal Localization of a Novel Nerve Growth Factor-Related G-Protein-Coupled Receptor, nrg-1," <i>Mol. Cel. Neurosci.</i> , <u>14</u> :141-152 (1999)
	A125	Goetzl, et al., "Eicosanoids and Other Bioactive Lipids in Cancer, Inflammation, and Radiation Injury, 4. 38: A Subfamily of G Protein-Coupled Cellular Receptors for Lysophospholipids and Lysosphingolipids, Introduction: The Biochemistry and Biology of Lipid Phosphoric Acids," <i>Adv. Exp. Med. Biol.</i> , <u>469</u> :259-264 (1999)
	A126	Gonda, et al., "The novel sphingosine 1-phosphate receptor AGR16 is coupled via pertussis toxin-sensitive and -insensitive G-proteins to multiple signalling pathways," <i>Biochem. J.</i> , <u>337</u> :67-75 (1999)
	A127	Gonzalez-Zorn, et al., "The smcL gene of <i>Listeria ivanovii</i> encodes a sphingomyelinase C that mediates bacterial escape from the phagocytic vacuole," <i>Mol. Microbiol.</i> , <u>33</u> (3):510-523 (1999)
<u>CC</u>	A128	Graler, et al., "EDG6, a Novel G-Protein-Coupled Receptor Related to Receptors for Bioactive Lysophospholipids, Is Specifically Expressed in Lymphoid Tissue," <i>Genomics</i> , <u>53</u> :164-169 (1998)

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RL	A129	Gunther, "Myocardial contractility after infarction and carnitine palmitoyltransferase I inhibition in rats," <i>Eur. J. Pharma.</i> , <u>406</u> :123-126 (2000)
	A130	Hakogi, et al., "Stereocontrolled synthesis of a sphingomyelin methylene analogue as a sphingomyelinase inhibitor," <i>Org. Lett.</i> , <u>2</u> :2627-2629 (2000)
	A131	Hanada, et al., "Specificity of Inhibitors of Sphingomyelin Palmitoyltransferase (SPT), a Key Enzyme in Sphingolipid Biosynthesis, in Intact Cells," <i>Biochemical Pharmacology</i> , <u>59</u> :1211-1216 (2000)
	A132	Hannun, et al., "Ceramide in the eukaryotic stress response," <i>Cell Biology</i> , <u>10</u> :73-80 (2000)
	A133	Hannun, et al., "The Sphingomyelin Cycle: A Prototypic Sphingolipid Signaling Pathway," <i>Adv. Lipid Res.</i> , <u>25</u> :27-41 (1993)
	A134	Hannun, et al., "Functions of Sphingolipids and Sphingolipid Breakdown Products in Cellular Regulation," <i>Science</i> , <u>243</u> :500-507 (1989)
	A135	He, et al., "A Fluorescence-Based High-Performance Liquid Chromatography Assay to Determine Acid Ceramidase Activity," <i>Analytical Biochemistry</i> , <u>274</u> :264-269 (1999)
	A136	Heringdorf, et al., "Stimulation of intracellular sphingosine-1-phosphate production by G-protein-coupled sphingosine-1-phosphate receptors," <i>Eur. J. Pharmacol.</i> , <u>414</u> :145-154 (2001)
	A137	Hernandez, et al., "Rapid Activation of Neutral Sphingomyelinase by Hypoxia-Reoxygenation of Cardiac Myocytes," <i>Circ. Res.</i> , <u>86</u> :198-204 (2000)
	A138	Hetland, et al., "Phospholipase C from <i>Bacillus cereus</i> has sphingomyelinase activity," <i>Scand J. Clin Lab Invest.</i> , <u>42</u> (1):57-61 (1982)
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	A140	Hinkovska-Glacheva, et al., "Activation of a Plasma Membrane-Associated Neutral Sphingomyelinase and Concomitant Ceramide Accumulation During IgG-Dependent Phagocytosis in Human Polymorphonuclear Leukocytes," <i>Blood</i> , <u>91</u> :4761-4769 (1998)
AC	A141	Hise, et al., "Fatty Acyl Chain Composition in the Determination of Renal Membrane Oder," <i>J. Clin. Invest.</i> , <u>77</u> (3):768-773 (1986)

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<i>AC</i>	A142	Hla, et al., "An Abundant Transcript Induced in Differentiating Human Endothelial Cells Encodes a Polypeptide with Structural Similarities to G-Protein-coupled Receptors," <i>J. Biol. Chem.</i> , <u>265</u> (16):9308-9313 (1990)
	A143	Hofmann, et al., "Cloning and characterization of the mammalian brain-specific, Mg <sup>2+</sup> -dependent neutral sphingomyelinase," <i>PNAS</i> , <u>97</u> :5895-5900 (2000)
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	A147	Hoyle, et al., "Synthesis (and Alternative Proof of Configuration) of the Scyphostatin C(1')-C(20') Trienoyl Fragment," <i>Organic Letters</i> , <u>2</u> :1481-1483 (2000)
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	A149	Humpf, et al., "Acylation of naturally occurring and synthetic 1-deoxysphinganines by ceramide synthase. Formation of N-palmitoyl-aminopentol produces a toxic metabolite of hydrolyzed fumonisins, AP1, and a new category of ceramide synthase inhibitor," <i>J. Biol. Chem.</i> , <u>273</u> :19060-19064 (1998)
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	A151	Huwiler et al., "Physiology and pathophysiology of sphingolipid metabolism and signaling," <i>Biochimica Et Biophysica Acta</i> , <u>1485</u> :63-99, 2000.
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<i>AC</i>	A154	Ikezawa, et al., "Studies on Sphingomyelinase of <i>Bacillus Cereus</i> . I. Purification and Properties," <i>Biochim. Biophys Acta</i> , <u>528</u> (2):247-256 (1978)

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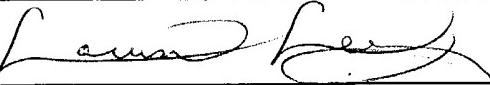
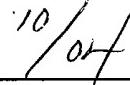
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A159	Jimbo, et al., "Development of a New Inhibitor of Glucosylceramide Synthase," <i>J. Biochem.</i> , <u>127</u> :485-491 (2000)
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A164	Katircioglu, et al., "Myocardial preservation in acute coronary artery occlusion with coronary sinus retroperfusion and carnitine," <i>J. Cardiovasc. Surg.</i> , <u>41</u> :45-50 (1999)
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A166	Kester, "Sphingolipid Metabolites and the Cellular Phenotype," <i>Trends in Glycoscience and Glycotechnology</i> , <u>9</u> :447-460 (1997)
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CC	A168	Kimura, et al., "Two Novel <i>Xenopus</i> Homologs of Mammalian LPEDG-2 Function as Lysophosphatidic Acid Receptor. <i>Xenopus</i> Oocytes and Mammalian Cells," JBC Papers in Press Published on-line 02/05/2001 as Manuscript MO11588200
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CC	A179	Lee, et al., "Cell-cycle-dependent changes in ceramide levels preceding retinoblastoma protein dephosphorylation in G2/M," <i>Biochem. J.</i> , <u>334</u> :457-461 (1998)
CC	A180	Lee, et al., "Effect of Ischemia on Calcium-Dependent Fluorescence Transients in Rabbit Hearts Containing Indo 1. Correlation with Monophasic Action Potentials and Contraction," <i>Circ.</i> , <u>78</u> (4):1047-1059 (1988)

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	A181	Levade, et al., "Sphingomyelinases and Niemann-Pick disease," <i>J. Clin. Chem. Biochem.</i> , <u>24</u> :205-220 (1986)
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	A187	Little, et al., "Surface display of antibodies," <i>Biotechn. Adv.</i> , <u>12</u> :539-555 (1994)
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<i>ED</i>	A194	Lochhead, et al., "Fluorinated anesthetic exposure "activates" the renal cortical sphingomyelinase cascade," <i>Kidney Int.</i> , <u>54</u> :373-381 (1998)
	A195	Luberto, et al., "Sphingolipid Metabolism in the Regulation of Bioactive Molecules," <i>Lipids</i> , <u>34</u> :S5-S11 (1999)
	A196	Luberto, et al., "Sphingomyelin synthase, a potential regulator of intracellular levels of ceramide and diacylglycerol during SV40 transformation. Does sphingomyelin synthase account for the putative phosphatidylcholine-specific phospholipase C?," <i>PubMed, J. Biol. Chem.</i> , <u>273</u> :14550-14559 (1998)
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	A202	Mandala, et al., "Inhibition of Serine Palmityltransferase Activity by Lipoxamycin," <i>J. Antibiot. (Tokyo)</i> , <u>47</u> :376-379 (1994)
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<i>AC</i>	A206	Mandala, et al., "Sphingoid base 1-phosphate phosphatase: a key regulator of sphingolipid metabolism and stress response," <i>Proc. Nat. Acad. Sci.</i> , <u>95</u> :150-155 (1998)

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<i>LS</i>	A207	Mao, et al., "Cloning and Characterization of a Novel Human Alkaline Ceramidase: A Mammalian Enzyme That Hydrolyzes Phytoceramide," <i>J. Biol. Chem.</i> , <u>276</u> :26577-26588 (2001)
	A208	Mao, et al., "Cloning and Characterization of a <i>Saccharomyces cerevisiae</i> Alkaline Ceramidase with Specificity for Dihydroceramide," <i>J. Biol. Chem.</i> , <u>275</u> :31369-31378 (2000)
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	A212	Martin, et al., "Neutral Magnesium-Dependant Sphingomyelinase from Liver Plasma Membrane: Purification and Inhibition by Ubiquinol," <i>J. Bioenerg. Biomembr.</i> , <u>33</u> (2):143-153 (2001)
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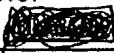
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<i>LL</i>	A220	Mingeot-Leclercq, et al., "Aminoglycosides: nephrotoxicity," <i>Antimicrobial Agents and Chemotherapy</i> , <u>43</u> :1003-1012 (1999)
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<i>LL</i>	A228	Ohta, et al., "Induction of apoptosis by sphingosine in human leukemic HL-60 cells: a possible endogenous modulator of apoptotic DNA fragmentation occurring during phorbol ester-induced differentiation," <i>Cancer Res.</i> , <u>55</u> :691-697 (1995)
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<i>LL</i>	A230	Okamoto, et al., "EDG1 Is a Functional Sphingosine-1-Phosphate Receptor That Is Linked via a G <sub>i/o</sub> to Multiple Signaling Pathways, Including Phospholipase C Activation, Ca <sup>2+</sup> Mobilization, Ras-Mitogen-activated Protein Kinase Activation, and Adenylate Cyclase Inhibition," <i>J. Biol. Chem.</i> , <u>273</u> :27104-27110 (1998)
<i>LL</i>	A231	Okamoto, et al., "EDG3 Is a Functional Receptor Specific for Sphingosine 1-Phosphate and Sphingosylphosphorylcholine with Signaling Characteristics Distinct from EDG1 and AGR16," <i>Biochem. Biophys. Res. Commun.</i> , <u>260</u> :203-208 (1999)
<i>LL</i>	A232	Okazaki, et al., "Characteristics and partial purification of a novel cytosolic magnesium-independent, neutral sphingomyelinase activated in the early signal transduction of 1 $\alpha$ ,25-dihydroxyvitamin D3-induced HL-60 cell differentiation," <i>J. Biol. Chem.</i> , <u>269</u> (6):4070-4077 (1994)

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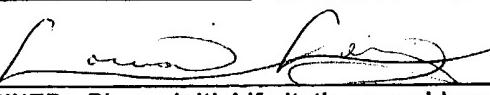
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	A237	Oshefski, et al., "Glucosylceramide Synthase Inhibition Enhances Vincristine-Induced Cytotoxicity," <i>Int. J. Cancer</i> , <i>93</i> :131-138 (2001)
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	A239	Pilson, et al., "Human sphingosine kinase: purification, molecular cloning and characterization of the native and recombinant enzymes," <i>Biochem J.</i> , <i>350</i> :429-441 (2000)
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	A245	Runcie, et al., "A Short and Efficient Route to Novel Scyphostatin Analogues," <i>Organic Letters</i> , <i>3</i> :3237-3239 (2001)

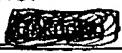
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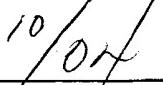
ED	A246	Sabbadini, et al., "Sphingosine is endogenous to cardiac and skeletal muscle," <i>Biochem. Biophys. Res. Comm.</i> : <u>193</u> :752-758 (1993)
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	A255	Sergeyev, et al., "Lipid Spectrum of the Myocardium of White Rats Exposed to Hypoxic Hypoxia," <i>Kosm. Biol. Aviakosm. Med.</i> , <u>15</u> :71-74 (1981)
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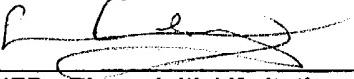
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	A260	Siess, et al., "Lysophosphatidic Acid and Sphingosine 1-Phosphate: Two Lipid Villains Provoking Cardiovascular Diseases?" IUBMB Life, <u>49</u> :161-171 (2000)
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	A264	Spence, et al., "A new Zn <sup>2+</sup> -stimulated sphingomyelinase in fetal bovine serum," J. Biol. Chem., <u>264</u> (10):5358-5363 (1989)
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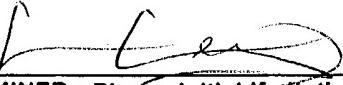
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<i>CC</i>	A272	Szulc, et al., "A facile regioselective synthesis of sphingosine 1-phosphate and ceramide 1-phosphate," <i>Tetrahedron Letter</i> , <u>41</u> :7821-7824 (2000)
	A273	Tamura, et al., "Mass production of sphingomyelinase of <i>Bacillus cereus</i> by a protein-hyperproducing strain <i>Bacillus brevis</i> 47, and its purification," <i>J. Biochem. (Tokyo)</i> , <u>112</u> (4):488-491 (1992)
	A274	Tanaka, et al., "Structural Elucidation of Scyphostatin, an Inhibitor of Membrane-Bound Neutral Sphingomyelinase," <i>J. Am. Chem. Soc.</i> , <u>119</u> :7871-7872 (1997)
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	A282	Tsunoda, et al., "Early Fumonisins B1 Toxicity in Relation to Disrupted Sphingolipid Metabolism in Male BALB/c Mice," <i>J. Biochem. Mol. Toxicol.</i> , <u>12</u> :281-289 (1998)
	A283	Uchida, et al., "Alutenuisin, a Specific Neutral Sphingomyelinase Inhibitor, Produced by <i>Penicillium</i> sp. FO-7436," <i>J. Antibiotics</i> , <u>52</u> (6):572-574 (1999)
<i>LL</i>	A284	Usta, et al., "Structural Requirements of Ceramide and Sphingosine Based Inhibitors of Mitochondrial Ceramidase," <i>Biochemistry</i> , <u>40</u> :9657-9668 (2000)

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<i>LL</i>	A285	Van Brocklyn, et al., "Sphingosine 1-phosphate-induced cell rounding and neurite retraction are mediated by the G protein-coupled receptor H218," <i>J. Biol. Chem.</i> , <u>274</u> :4626-4632 (1999)
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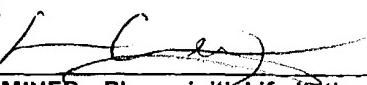
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	A299	Yamada, et al., "Nucleotide sequence and expression in <i>Escherichia coli</i> of the gene coding for sphingomyelinase of <i>Bacillus cereus</i> ," <i>Eur. J. Biochem.</i> , <u>175</u> (2):213-220
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<i>LL</i>	A311	Zhang, et al., "Human Acid Ceramidase Gene: Novel Mutations in Farber Disease," <i>Molecular Genetics and Metabolism</i> , <u>70</u> :301-309 (2000)
<i>LC</i>	A312	Zhang, et al., "Comparative analysis of three murine G-protein coupled receptors activated by sphingosine-1-phosphate," <i>Gene</i> , <u>227</u> :89-99 (1999)
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